
 JOHNS HOPKINS UNIVERSITY		ZANVYL KRIEGER SCHOOL OF ARTS & SCIENCES Baltimore, MD 21218 www.jhu.edu/registrar		UNDERGRADUATE TRANSCRIPT	
Student Name Mehrle, Nicholas Freeman		Identifier 897043	Date of Birth 09/08/xxxx	JHU Degree and Date Conferred Bachelor of Science in Physics 05/18/2016 Master of Arts 05/18/2016	
Year of Study Senior	Major Physics			Date Printed 12/14/2016 Page 1 of 3	
Other Major(s) Mathematics; Applied Mathematics and Statistics			Minor(s) xxxxx		

DIV	DEPT	CRSE #	COURSE TITLE	GRADE	CREDITS
Fall 2012					
			Advanced Placement Examination		
			Statistics EN.550.111		4.0
			Biology (Lab I Waived) AS.020.151		4.0
			Biology (Lab II Waived) AS.020.152		4.0
			Chemistry AS.030.101		3.0
			Chemistry Lab AS.030.105		1.0
			Chemistry AS.030.102		3.0
			Chemistry Lab AS.030.106		1.0
			Comp Sci A EN.600.107		3.0
			Env. Science TR.270.100		4.0
			Econ - Mac AS.180.101		3.0
			Calculus BC AS.110.108		4.0
			Calculus BC AS.110.109		4.0
			Physics C- Mech (Lab I waived) AS.171.101		4.0
			Physics C - E&M (Lab II waived) AS.171.102		4.0
			Econ - Mic AS.180.102		3.0
			TOTAL		49.0
Fall 2012					
AS	CHEM	030.205	Organic Chemistry I	S	4.0
AS	EART	270.103	Intro - Global Environmental Change	S	3.0
AS	MATH	110.211	Honors Multivariable Calculus	S	4.0
AS	PHYS	171.201	Special Relativity/Waves	S	4.0
EN	BMED	580.111	BME Modeling & Design	S	2.0
			TERM GPA 0.00		TOTAL 17.0
			Dean's List		
Interession 2013					
AS	COGS	050.124	LaTeX to write academic papers	S	1.0
EN	CSCI	600.220	Malware: Past and Present	S	1.0
			TERM GPA 0.00		TOTAL 2.0
Spring 2013					
AS	MATH	110.302	Diff Equations/Applic	A	4.0
AS	PHYS	171.202	Modern Physics	A	4.0
AS	PHYS	171.204	Classical Mechanics II	A	4.0
EN	APPM	550.171	Discrete Mathematics	A	4.0
EN	CSCI	600.120	Intermediate Programming	A-	4.0
			TERM GPA 3.94		TOTAL 20.0
			Dean's List		
Summer 2013					
AS	MATH	110.201	Online Linear Algebra	A-	4.0
			TERM GPA 3.70		TOTAL 4.0
Fall 2013					
AS	ECON	180.261	Monetary Analysis	A-	3.0
AS	MATH	110.401	Advanced Algebra I	A+	4.0
AS	PHYS	171.301	Electromag Thry II	A-	4.0
AS	PHYS	171.303	Quantum Mechanics I	A+	4.0
AS	PHYS	171.323	Physics of Human Energy Use	A	3.0
EN	APPM	550.420	Intro to Probability	A	4.0
			TERM GPA 3.90		TOTAL 22.0
			Dean's List		

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Spring 2014					
AS	ECON	180.385	Evolution and Economics	B+	3.0
AS	MATH	110.417	Partial Diff Equations	A-	4.0
AS	PHYS	171.304	Quantum Mechanics II	A	4.0
AS	PHYS	171.410	Physical Cosmology	A+	3.0
AS	PHYS	173.308	Advanced Physics Lab	A	3.0
EN	APPM	550.453	Mathematical Game Theory	A	4.0
TERM GPA				3.84	TOTAL 21.0
Dean's List					
Fall 2014					
AS	ECON	180.301	Microeconomic Theory	A-	4.5
AS	PHYS	171.312	Stat Physics/Thermodyn	A	4.0
AS	PHYS	171.605	Quantum Mechanics	A+	4.0
AS	PHYS	171.621	Condensed Matter Physics	A+	3.0
AS	PHYS	172.203	Contemporary Phys Sem	B	1.0
EN	APPM	550.361	Introduction to Optimization	A	4.0
TERM GPA				3.89	TOTAL 20.5
Dean's List					
Spring 2015					
AS	PHYS	171.502	Undergrad Independ Rsrch	S	0.0
TERM GPA				0.00	TOTAL 0.0
This course is not assigned credit.					
Fall 2015					
AS	MATH	110.619	Lie Groups and Lie Algebras	A+	4.0
AS	PHYS	171.503	Senior Thesis	A	3.0
AS	PHYS	171.699	Planets, Life and the Universe	A+	3.0
AS	PHYS	171.701	Quantum Field Theory	A	3.0
EN	APPM	550.385	Sci Comp: Linear Algebra	A+	4.0
EN	PCOM	661.250	Oral Presentations	A	3.0
TERM GPA				4.00	TOTAL 20.0
Dean's List					
Intersession 2016					
EN	GEOE	570.413	Energy 104	S	1.0
TERM GPA				0.00	TOTAL 1.0
Spring 2016					
AS	EART	270.423	Planetary Atmospheres	A+	3.0
AS	MATH	110.405	Analysis I	A-	4.0
AS	PHYS	171.504	Senior Thesis	A	3.0
AS	PHYS	171.625	Experimental Particle Physics	A	3.0
AS	PHYS	171.732	Elementary Particle Physics	A	3.0
EN	APPM	550.430	Introduction to Statistics	A+	4.0
EN	MECH	530.432	Jet & Rocket Propulsion	A+	3.0
TERM GPA				3.95	TOTAL 23.0
Accepted for Concurrent Graduate Study in Physics & Astronomy					
Dean's List					
CUMULATIVE GPA 3.91				TOTAL	130.5
CUMULATIVE CREDITS				TOTAL	199.5
Graduated with General Honors					
Departmental Honors, Physics					
Phi Beta Kappa					

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*****End Of Transcript*****



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Mary Ellen Leiby
Registrar

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Transcript Guide

For Enrollments from 2000-01 Academic Year to Present

Office of the Registrar

75 Garland Hall
Homewood Campus
(410) 516-7088

GENERAL INFORMATION

This guide is for interpreting symbols or codes shown on transcripts for the following divisions of Johns Hopkins

University:

Full-time:

Zanvyl Krieger School of Arts and Sciences (AS)
Whiting School of Engineering (EN)

Part-time:

Krieger - Advanced Academic Programs (AAP)
Whiting - Engineering for Professionals (EP)

Calendar:

These divisions are on a semester calendar –
Fall and Spring with a Summer session and
January intersession.
Fall = August through December
Intersession = January
Spring = January through May
Summer = June through August

DIVISIONS

Zanvyl Krieger School of Arts and Sciences (AS)

Whiting School of Engineering (EN)

Year of Study

Undergraduate level:

Freshman, Sophomore, Junior, and Senior
Special or Engineering Innovations, non-degree seeking
Visiting, Pre-College, or Summer, non-degree seeking

Post-Baccalaureate level:

Post-Bac/Pre-Med (Pre-Medical Program)
Special, degree or non-degree seeking

Graduate level:

Graduate
Special, non-degree seeking
Visiting, non-degree seeking

Course Division Codes

JHU Codes are as follows:

AS Arts and Sciences
BU Business
ED Education
EN Engineering
ME Medicine
NR Nursing
PH Public Health
PY Peabody Conservatory
SA School of Advanced International Studies
Students may take courses at area institutions with which JHU has a cooperative agreement. Codes for these schools are as follows:

BH Baltimore Hebrew College
BS Bowie State University
CO Coppin State University
GC Goucher College
LC Loyola College (renamed Loyola University)
LU Loyola University
MI Maryland Institute College of Art
MS Morgan State University
ND Notre Dame of Maryland University
SU Stevenson University
TS Towson State (renamed Towson University)
TU Towson University
VJ Villa Julie College (renamed Stevenson University)
UA University of Baltimore
MB University of Maryland at Baltimore
UM University of Maryland at Baltimore County (UMBC)
AF University of Maryland College Park (Air Force)

Students may take study abroad programs approved for grades and credits. Codes for those programs are as follows:

AP Argentina Program
BC Berlin Consortium
BP Bolivia Program
SA Bologna - SAMS
FE French Exchange Program
VS Florence/Villa Spelman Program (discontinued)
HA Hopkins Abroad
FP JHU in Tours Program (discontinued)
LP Lima Program
MP Madrid Program
NA Nanjing/Summer CET
SS Study in Singapore

General Information for AS and EN

1. S/U Grades (Freshmen) - Freshmen first semester grades are not reported on the transcript. Each course with a grade of C- or above is assigned the letter S (for Satisfactory) in place of a grade. Letter grades below C- are assigned the letter U (for Unsatisfactory). In the first semester of a student's freshman year, credit is awarded for S grades.
For the first semester freshman year only, credits are also awarded for U grades if the actual grade is D or D+. In this instance the grade of UCR is assigned. No first semester grades are included in a student's cumulative grade-point average.

2. S/U Option* (other) – Undergraduate students may take one course per semester for Satisfactory/Unsatisfactory credit. These courses have no effect on a student's grade point average. Students who earn a C- or above in an S/U course receive an S on the academic record. When a D+, D, or F is earned in an S/U course a grade of Unsatisfactory is recorded on the academic record. With the exception of the first semester of freshman year, courses with an Unsatisfactory grade receive no credit.

3. Undergraduate Retake Policy - Students may retake a course in which they earned a C+ or lower. The most recent grade in the course receives credit that applies to the grade point averages.

Effective Fall 2011, when the new grade is recorded, the original grade remains along with the notation "R" to indicate the course was retaken and does not affect grade point averages.

Prior to Fall 2011, when the new grade was recorded, the old grade was replaced with the letter R to indicate the course was retaken.

4. Graduate Retake Policy - At the discretion of the graduate program, a graduate student may retake a course, but the grade from the initial effort will remain on the transcript. This applies whether the initial effort occurred while the student was an undergraduate student or a graduate student.

5. Graduate Level Courses in the Zanvyl Krieger School of Arts and Sciences (AS) - Credit hours are not assigned to graduate level courses except when taken by undergraduate students. In addition, graduate level students may receive letter grades (A, B, etc.) or P (passing). All 600-level courses and above carry the equivalent of 4 credits unless taken by an undergraduate.

6. Graduate Level Courses in the Whiting School of Engineering (EN) - Effective Summer 2016, graduate level courses are assigned credits. In addition, graduate level students may receive letter grades (A, B, etc.) or P (passing). Prior to Summer 2016, credit hours were not assigned to graduate level courses unless taken by an undergraduate. No GPA is calculated.

7. Probation – Undergraduate students who earn a grade point average less than 2.0 or fewer than 12 credits in a semester are placed on academic probation.

8. Dean's List - Noted for undergraduate students who earn a term grade point average of 3.5 or above in a semester of at least 14 credits with at least 12 GPA credits graded.

9. Honors - General or Departmental Honors are awarded at graduation. General honors are awarded to undergraduate students with a cumulative grade point average of 3.5 or better. Departmental honors are awarded according to department specific criteria.

Grading System

- A+ = 4.0 points - Excellent
 A = 4.0 points - Excellent
 A- = 3.7 points - Excellent
 B+ = 3.3 points - Good
 B = 3.0 points - Good
 B- = 2.7 points - Good
 C+ = 2.3 points - Satisfactory
 C = 2.0 points - Satisfactory
 C- = 1.7 points - Satisfactory
 D+ = 1.3 points - Passing (S/U option* is the exception)
 D = 1.0 points - Passing (S/U option* is the exception)
 F = 0.0 points - Failure
 FEV = 0.0 points - Failure - Ethics Violation
 AU Audit (Graduate students only)
 EXM By examination (discontinued Sept. 2004)
 I Incomplete
 I/(Grade)** Incomplete/ Revert to Grade**
 IP In progress
 MR Missing grade roster
 MT Multi-term
 ND Not officially dropped
 NG No grade given, course completed, credits may be awarded
 P Passing (Graduate students only)
 R Course retaken - Discontinued Summer 2011
 (Grade)/R Course retaken - Effective Fall 2011
 S Satisfactory completion
 TR TR XXX XXX Transfer course, no JHU equivalent
 U Unsatisfactory
 UC Unsatisfactory with Credit - Discontinued Fall 2010
 UCR Unsatisfactory with Credit - Effective Spring 2011
 W Official withdrawal
 X Not yet reported by instructor
 *S/U Option (Undergraduates Only)
 S = C- or Higher
 U = D, D+ or F
 UCR = D or D+ First semester freshmen only

**Incomplete/Grade reverts to this letter grade after revision deadline.

AS and EN Course Numbering System

- 100-299 Undergraduate lower division
 300-499 Undergraduate upper division
 500-599 Undergraduate independent academic work
 600-799 Graduate level
 800-899 Advanced graduate level including independent study and dissertation research
 900-999 Special courses as identified by the Office of the Registrar

Zanvyl Krieger School of Arts and Sciences Advanced Academic Programs (AAP)

Academic Program

Post-Baccalaureate level:
 Post Baccalaureate Premedical Program
 (Moved to Full-time (AS) effective December 2010)

Graduate level:
 Graduate Certificate
 Master of Arts
 Master of Science
 Certificate of Advanced Graduate Study

Grading System

- A+ Excellent
 A Excellent
 A- Excellent
 B+ Good
 B Good
 B- Good
 C Fair
 F Failure
 P Pass
 AU Audit
 I Incomplete
 MR Missing grade roster
 NG No grade given, course completed
 W Official withdrawal
 X Not yet reported by instructor

AAP Course Numbering System

- 300 - 399 Prerequisite courses
 600 - 899 Graduate level

Note: Effective Summer 2016, graduate level courses are assigned credits. Prior to Summer 2016, credit hours were not assigned to graduate level courses unless taken by an undergraduate. No GPA is calculated.

Whiting School of Engineering Engineering for Professionals (EP)

Note: In September 1983, the School of Engineering began offering courses on a part-time basis. These courses had been part of the School of Continuing Studies prior to that date. In Summer 1987, the Part-time Engineering School was renamed Continuing Professional Programs. Effective with Summer session 1992, it was renamed Part-time Programs in Engineering and Applied Science. Effective Fall 2004, it was renamed Engineering and Applied Science Programs for Professionals. Effective Spring 2010, it was renamed Engineering for Professionals.

Academic Program

Undergraduate level:
 Bachelor - Bachelor
 BS - Bachelor of Science
 Post-Baccalaureate level:
 PMC - Post-Master's Certificate
 CCES - Certificate of Continuing Engineering Studies (discontinued effective Summer 2005)

Graduate level:
 GC - Graduate Certificate
 Master - Master
 MS - Master of Science
 MSE - Master of Science in Engineering
 Non-Degree GR - Non-Degree Graduate Student

EP Grading System (Effective June 2012)

- A+ Excellent
 A Excellent
 A- Excellent
 B+ Good
 B Good
 B- Good
 C Fair
 F Failure
 AU Audit
 I Incomplete
 MR Missing grade roster
 R Course retaken
 W Official withdrawal
 X Not yet reported by instructor

Whiting School of Engineering Engineering for Professionals (EP)

EP Grading System (Prior to June 2012)

- A 4.0 Excellent
 B 3.0 Good
 C 2.0 Satisfactory
 D 1.0 Passing (Undergraduate only)
 F 0.0 Failure
 AU Audit
 I Incomplete
 MR Missing grade roster
 R Course retaken
 W Official withdrawal
 X Not yet reported by instructor

EP Course Numbering System

- 100-199 Undergraduate level
 200-299 Prerequisite courses
 400-899 Graduate level

Notes: Effective June 2012, graduate level courses are assigned 3 credit hours. Prior to June 2012, credit hours were not assigned to graduate-level courses.

Prior to June 2008, all courses 400-level and above carried the equivalent of 4 credits. Effective Summer 2008, all courses 400-level and above carry the equivalent of 3 credits.

FURTHER INFORMATION

For additional information or questions regarding transcripts, contact:

Office of the Registrar
Johns Hopkins University
75 Garland Hall
3400 North Charles Street
Baltimore, MD 21218
(410) 516-7088

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